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(54) **DNA POLYMERASES WITH INCREASED 3'-MISMATCH DISCRIMINATION**

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(58) **Field of Classification Search**

None

See application file for complete search history.

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(57) **ABSTRACT**

Disclosed are mutant DNA polymerases having increased 3'-mismatch discrimination relative to a corresponding, unmodified polymerase. The mutant polymerases are useful in a variety of disclosed primer extension methods. Also disclosed are related compositions, including recombinant nucleic acids, vectors, and host cells, which are useful, e.g., for production of the mutant DNA polymerases.

12 Claims, 2 Drawing Sheets